

Image may be representation.
See specifications for product details.



PIC24FJ256GA106-I/MR

Manufacturer Part Number	PIC24FJ256GA106-I/MR
Manufacturer	Microchip Technology
Allelco Part Number	32D-PIC24FJ256GA106-I/MR
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC MCU 16BIT 256KB FLASH 64VQFN
Package	64-VQFN Exposed Pad
Data sheet	PIC24FJ(128,256)(DAx,GB2) Program Spec.pdf PIC24FJ256GA110 Family Datasheet.pdf PIC24FJzzzG(A,B)1 Programming Spec.pdf

RoHs Status ROHS3 Compliant

Get a Quote

PIC24FJ256GA106-I/MR - Microchip Technology. New Original in Stock. Download Linear Technology PIC24FJ256GA106-I/MR datasheet/specifications on AllelcoElec.com. Request a quote for PIC24FJ256GA106-I/MR, please send us email: info@allelco.com

Specifications

PIC24FJ256GA106-I/MR Tech Specifications

PIC24FJ256GA106-I/MR - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	2V ~ 3.6V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	64-VQFN (9x9)	Number of I/O	53
Speed	32MHz	Mounting Type	Surface Mount
Series	PIC® 24F	EEPROM Size	-
RAM Size	16K x 8	Data Converters	A/D 16x10b
Program Memory Type	FLASH	Core Size	16-Bit
Program Memory Size	256KB (85.5K x 24)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Connectivity	I²C, PMP, SPI, UART/USART
Package / Case	64-VQFN Exposed Pad	Base Product Number	PIC24FJ256GA106
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC24FJ256GA106-I/MR

Product Attribute				
Part Number	PIC24FJ256GA106-I/MR	PIC24FJ256GA110-I/PF	PIC24FJ256GA110T-I/PT	PIC24FJ256GA108-I/PT
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Voltage - Supply (Vcc/Vdd)	2V ~ 3.6V	2V ~ 3.6V	2V ~ 3.6V	2V ~ 3.6V
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Brown-out Detect/Reset, LVD, POR, PWM, WDT
Series	PIC® 24F	PIC® 24F	PIC® 24F	PIC® 24F
Speed	32MHz	32MHz	32MHz	32MHz
Program Memory Size	256KB (85.5K x 24)	256KB (85.5K x 24)	256KB (85.5K x 24)	256KB (85.5K x 24)
Connectivity	I²C, PMP, SPI, UART/USART	I²C, PMP, SPI, UART/USART	I²C, PMP, SPI, UART/USART	I²C, PMP, SPI, UART/USART
Number of I/O	53	85	85	69
Package	Tube	Tray	Tape & Reel (TR)	Tray
Oscillator Type	Internal	Internal	Internal	Internal
Data Converters	A/D 16x10b	A/D 16x10b	A/D 16x10b	A/D 16x10b
EEPROM Size	-	-	-	-
Supplier Device Package	64-VQFN (9x9)	100-TQFP (14x14)	100-TQFP (12x12)	80-TQFP (12x12)
Core Size	16-Bit	16-Bit	16-Bit	16-Bit
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	PIC24FJ256GA106	PIC24FJ256GA110	PIC24FJ256GA110	PIC24FJ256GA108
RAM Size	16K x 8	16K x 8	16K x 8	16K x 8
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Package / Case	64-VQFN Exposed Pad	100-TQFP	100-TQFP	80-TQFP
Core Processor	PIC	PIC	PIC	PIC

PIC24FJ256GA106-I/MR Datasheet PDF

Download PIC24FJ256GA106-I/MR pdf datasheets and Microchip Technology documentation for PIC24FJ256GA106-I/MR - Microchip Technology.

Datasheets

- [PIC24FJ\(128,256\)\(DAx,GB2\) Program Spec.pdf](#)
- [PIC24FJ256GA110 Family Datasheet.pdf](#)
- [PIC24FJzzzG\(A,B\)1 Programming Spec.pdf](#)

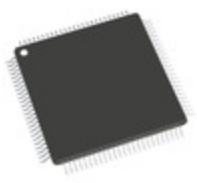
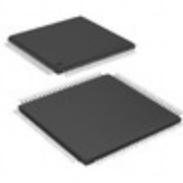

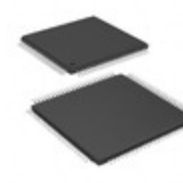
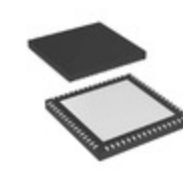
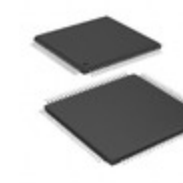



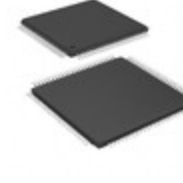
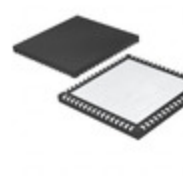
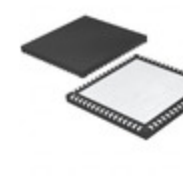
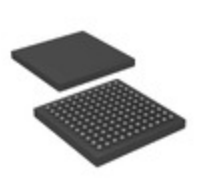
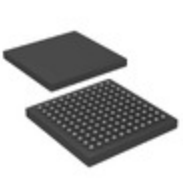


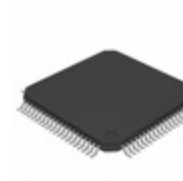

PCN Packaging

PCN Assembly/Origin

Mult Devices Assembly Site 16/Jan/2018.pdf

Customers Also Interested in

Recommended Products

					
PIC24FJ256GA110-I/PF Microchip Technology IC MCU 16BIT 256KB FLASH 100TQFP	PIC24FJ256GA110T-I/PT Microchip Technology IC MCU 16BIT 256KB FLASH 100TQFP	PIC24FJ256GA108-I/PT Microchip Technology IC MCU 16BIT 256KB FLASH 80TQFP	PIC24FJ256GA410-I/PT Microchip Technology IC MCU 16BIT 256KB FLASH 100TQFP	PIC24FJ256GA406-I/MR Microchip Technology IC MCU 16BIT 256KB FLASH 64QFN	PIC24FJ256DA210-I/PT Microchip Technology IC MCU 16BIT 256KB FLASH 100TQFP
					
PIC24FJ256GA106-I/PT Microchip Technology IC MCU 16BIT 256KB FLASH 64TQFP	PIC24FJ256GA110-I/PT Microchip Technology IC MCU 16BIT 256KB FLASH 100TQFP	PIC24FJ256-I/PT Micrel / Microchip Technology	PIC24FJ256DA110-I/PT Microchip Technology IC MCU 16BIT 256KB FLASH 100TQFP	PIC24FJ256DA206-I/MR Microchip Technology IC MCU 16BIT 256KB FLASH 64VQFN	PIC24FJ256DA106-I/MR Microchip Technology IC MCU 16BIT 256KB FLASH 64VQFN
					
PIC24FJ256DA210-I/BG Microchip Technology IC MCU 16BIT 256KB FL5H 121TFBGA	PIC24FJ256GA610-E/BG Microchip Technology IC MCU 16BIT 256KB FL5H 121TFBGA	PIC24FJ256DA106-I/PT Microchip Technology IC MCU 16BIT 256KB FLASH 64TQFP	PIC24FJ256DA206-I/PT Microchip Technology IC MCU 16BIT 256KB FLASH 64TQFP	PIC24FJ256GA108T-I/PT Microchip Technology IC MCU 16BIT 256KB FLASH 80TQFP	PIC24FJ256GA106 Pericom Semiconductor Corp. (Diodes Incorporated)

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
 - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00




Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -

 Efficient Supply Management	 Cost-Saving Procurement	 Fast Sourcing & Delivery
--	--	---

Contact us if you have any questions.

 Phone +00852 9146 4856	 Email info@allelco.com
--	--

Certifications & Memberships



View More

Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong
Phone: +00852 9146 4856
Fax: +00852 3010 8510
Email: info@Allelco.com